HP Photosmart C8100
All-in-One series

DRAFT

Computer connection information

The HP All-in-One comes equipped with a USB port so you can connect directly to a computer using a USB cable. You can also connect the HP All-in-One to either a wired or wireless network. Additionally, the built-in Bluetooth® Wireless Technology allows Bluetooth® devices to print to the HP All-in-One.

This section contains the following topics:

- Supported connection types
- Connect using Ethernet
- Connect using integrated wireless WLAN 802.11
- Connect using an integrated wireless Bluetooth® connection
- Use printer sharing

Supported connection types

Description	Recommended number of connected computers for best performance	Supported software features	Setup instructions
USB connection	One computer connected with a USB cable to the rear USB 2.0 High Speed port on the HP All-in-One.	All features are supported, except Webscan.	Follow the Setup Guide for detailed instructions.
Ethernet (wired) connection	Up to five computers connected to an HP All-in-One using a hub or router.	All features are supported, including Webscan.	Follow the instructions in "Wired network setup" on page 30.
Integrated wireless WLAN 802.11 connection	Up to five computers connected using a wireless router (infrastructure mode).	All features are supported, including Webscan.	Follow instructions in "Integrated wireless WLAN 802.11 network setup" on page 32.
Integrated wireless Bluetooth® connection	One Bluetooth device or computer.	Printing from a Bluetooth device such as a PDA or camera phone, or a Bluetooth-enabled computer.	Follow the instructions in "Connect using an integrated wireless Bluetooth® connection" on page 24.
Printer sharing	Five. The host computer must be turned on at all times, or the other computers will not be able to print to the HP All-in-One.	All features resident on the host computer are supported. Only print is supported from the other computers.	Follow the instructions in "Use printer sharing" on page 28.

Connect using Ethernet

The HP All-in-One supports both 10 Mbps and 100 Mbps Ethernet network connections. For detailed instructions on connecting the HP All-in-One to an Ethernet (wired) network, see "Wired network setup" on page 30.

Connect using integrated wireless WLAN 802.11

The HP All-in-One uses an internal networking component that supports a wireless network. For detailed instructions on connecting the HP All-in-One to a wireless (802.11) network, see "Integrated wireless WLAN 802.11 network setup" on page 32.

Connect using an integrated wireless Bluetooth® connection

The integrated wireless Bluetooth® connection allows you to print images from most Bluetooth devices, including computers.

This section contains the following topics:

• Find the device name and address
• Set Bluetooth security for the HP All-in-One
• Use a Bluetooth® connection to print from your computer

Find the device name and address

Some Bluetooth devices exchange device addresses when they communicate with each other, so you might need to find out the device address of the HP All-in-One in order to establish a connection. Also, some Bluetooth devices display the name of the printer when connected. If you do not want the default name displayed as the name of the HP All-in-One, you can change the device name.

To find out the device address of the HP All-in-One
1. Touch **Setup** on the display.
2. Touch **Bluetooth**.

   NOTE: If the menu option you want is not visible on the screen, touch ▲ or ▼ to scroll through all the menu options.

3. Touch **Device Address**.
   The **Device Address** is read only.
4. To enter the address into your device, follow the instructions that came with your Bluetooth device.
5. Touch **OK** to exit the **Setup** menu.

To change the device name of the HP All-in-One
1. Touch **Setup** on the display.
2. Touch **Bluetooth**.

   NOTE: If the menu option you want is not visible on the screen, touch ▲ or ▼ to scroll through all the menu options.

3. Touch **Device Name**.

   NOTE: The HP All-in-One ships with the predefined name of **Photosmart C8100**.

4. Touch **Change**.
5. Use the visual keyboard to enter a new name.

6. When you have finished entering a name for the HP All-in-One, touch **OK**.
   The name you entered will appear on your Bluetooth device when you connect to the HP All-in-One to print.
7. Touch **OK** to exit the **Setup** menu.

Related topics

"Enter text using the visual keyboard" on page 14

Set Bluetooth security for the HP All-in-One

You can enable printer security settings through the **Bluetooth** menu on the HP All-in-One. Touch **Setup** on the display, and then touch **Bluetooth**. From the **Bluetooth** menu, you can:

• Require passkey authentication prior to someone printing to the HP All-in-One from a Bluetooth device.
• Make the HP All-in-One visible or invisible to Bluetooth devices that are within range.

This section contains the following topics:

• Use a passkey to authenticate Bluetooth devices
• Set the HP All-in-One to be invisible to Bluetooth devices
• Turn the Bluetooth radio on and off
• Reset Bluetooth settings on the HP All-in-One

Use a passkey to authenticate Bluetooth devices

You can set the security level of the HP All-in-One to either **Low** or **High**. The default security setting is **Low**. Low level security does not require authentication.

• **Low**: This is the default security setting. Low level security does not require a passkey, as it does not support authentication. Any Bluetooth device within range can print to it.
• **High**: High level security requires a passkey, as it supports authentication. The Bluetooth device must provide a passkey, before the HP All-in-One will allow the device to send a print job to it.

📝 **NOTE:** The HP All-in-One ships with a predefined passkey that is set to four zeroes "0000".

To set the HP All-in-One to require passkey authentication

1. Touch **Setup** on the display.
2. Touch **Bluetooth**.

   📝 **NOTE:** If the menu option you want is not visible on the screen, touch ▲ or ▼ to scroll through all the menu options.

3. Touch **Passkey**.
4. Touch **Change**.

5. Use the visual keyboard to enter a new passkey.

   📝 **NOTE:** The passkey must be 1 to 4 characters long, and can only consist of numbers.

6. When you have finished entering your passkey, touch **OK**.
   The **Bluetooth** menu appears.
7. Touch **Security Level**.
8. Touch **High**.
   High level security requires authentication.
   Passkey authentication is now set for the HP All-in-One.

Related topics

"Enter text using the visual keyboard" on page 14

Set the HP All-in-One to be invisible to Bluetooth devices

You can set the HP All-in-One to be either **Visible to all** Bluetooth devices (public) or **Not visible** to any (private).

• **Visible to all**: Any Bluetooth device within range can print to the HP All-in-One.
• **Not visible**: Only Bluetooth devices that have stored the device address of the HP All-in-One can print to it.

📝 **NOTE:** The HP All-in-One ships with a default accessibility level of **Visible to all**.

To set the HP All-in-One to be Not visible
1. Touch **Setup** on the display.
2. Touch **Bluetooth**.

   📝 **NOTE:** If the menu option you want is not visible on the screen, touch ▲ or ▼ to scroll through all the menu options.

3. Touch **Visibility**.
4. Touch **Not visible**.
   The HP All-in-One is inaccessible to Bluetooth devices that have not stored its device address.

Turn the Bluetooth radio on and off

The Bluetooth radio is on by default, as indicated by the blue light on the front of the HP All-in-One. In order to stay connected to Bluetooth, the radio must stay on. However, if the HP All-in-One is connected to a wired or wireless network, or you have a USB connection, the radio is not used. In this case you might want to turn the radio off.

To turn the Bluetooth radio on and off

1. Touch **Setup** on the display.
2. Touch **Bluetooth**.

   > 📝 **NOTE:** If the menu option you want is not visible on the screen, touch ▲ or ▼ to scroll through all the menu options.

3. Touch **Bluetooth Radio**.
4. Touch **On** or **Off**.

Reset Bluetooth settings on the HP All-in-One

You can reset all of the Bluetooth settings on the HP All-in-One to the factory defaults.

> 📝 **NOTE:** Only select **Reset Bluetooth** if you want all of the HP All-in-One Bluetooth settings returned to factory defaults.

To reset the Bluetooth settings

1. Touch **Setup** on the display.
2. Touch **Bluetooth**.

   > 📝 **NOTE:** If the menu option you want is not visible on the screen, touch ▲ or ▼ to scroll through all the menu options.

3. Touch **Reset Bluetooth**.

Use a Bluetooth® connection to print from your computer

A Bluetooth connection provides a quick and easy way to print images from a Bluetooth-enabled computer without using a cable. With a Bluetooth connection you can access many of the same printing features as with a USB connection. For example, you can check the printer status, as well as the estimated amount of ink remaining in your ink cartridges.

You must have Windows XP or Windows Vista and either the Microsoft Bluetooth® Protocol Stack or the Widcomm Bluetooth® Protocol Stack installed in order to connect the HP All-in-One. It is possible to have both the Microsoft Stack and the Widcomm Stack on your computer, but you use only one of them to connect the HP All-in-One.

- **Microsoft stack** If you have Windows XP with Service Pack 2 or Windows Vista installed on your computer, then your computer has the Microsoft Bluetooth® Protocol Stack. The Microsoft stack allows you to install an external Bluetooth® adapter automatically. If your Bluetooth® adapter supports the Microsoft stack but it does not install automatically, then you do not have the Microsoft stack on your computer. Check the documentation that came with the Bluetooth® adapter to see if it supports the Microsoft stack.

- **Widcomm stack**: If you have an HP computer with Bluetooth® built in, or if you have installed an HP bt450, then your computer has the Widcomm stack. If you have an HP computer and plug in an HP bt450, it will install automatically using the Widcomm stack.

To install and print using the Microsoft stack

1. Make sure that you have installed the HP All-in-One software on the computer.

    NOTE: The purpose of installing the software is to make sure the printer driver is available for the Bluetooth® connection. Therefore, if you have already installed the software, you do not need to reinstall it. If you want both a USB and a Bluetooth® connection to the HP All-in-One, install the USB connection first. For more information, see the Setup Guide. However, if you do not want a USB connection, select **Directly to the computer** on the **Connection Type** screen. Also, on the **Connect Your Device Now** screen, select the check box next to **If you are unable to connect your device now...** at the bottom of the screen.

2. If you are using an external Bluetooth® adapter for your computer, make sure your computer is started and then attach the Bluetooth® adapter to a USB port on the computer. If you have Windows XP with Service Pack 2 or Windows Vista installed, the Bluetooth® drivers are installed automatically. If you are prompted to select a Bluetooth® profile, select **HCRP**.
    If your computer has Bluetooth® built in, just make sure the computer is started.
3. On the Windows taskbar, click **Start**, and then click **Printers and Faxes** (or click **Control Panel**, and then **Printers**).
4. Double-click the **Add Printer** icon (or click **Add a printer**).
5. Click **Next**, and then select **A Bluetooth Printer**.
6. Follow the onscreen instructions to finish the installation.
7. Print as you would to any printer.

To install and print using the Widcomm stack

1. Make sure that you have installed the HP All-in-One software on the computer.

    NOTE: The purpose of installing the software is to make sure the printer driver is available for the Bluetooth® connection. Therefore, if you have already installed the software, you do not need to reinstall it. If you want both a USB and a Bluetooth® connection to the HP All-in-One, install the USB connection first. For more information, see the Setup Guide. However, if you do not want a USB connection, select **Directly to the computer** on the **Connection Type** screen. Also, on the **Connect Your Device Now** screen, select the check box next to **If you are unable to connect your device now...** at the bottom of the screen.

2. Click the **My Bluetooth Places** icon on the desktop or in the taskbar.
3. Click **View devices in range**.
4. Once the available printers are discovered, double-click the name of HP All-in-One to finish the installation.
5. Print as you would to any printer.

Use printer sharing

If your computer is on a network, and another computer on the network has an HP All-in-One connected to it by a USB cable, you can print to that printer using printer sharing.

The computer directly connected to the HP All-in-One acts as the **host** for the printer and has full software functionality. The other computer, which is referred to as a **client**, has

This section contains the following topics:

- Regulatory model identification number
- FCC statement
- Laser compliance
- Notice to users in Korea
- VCCI (Class B) compliance statement for users in Japan
- Notice to users in Japan about power cord
- Geräuschemission

Regulatory model identification number

For regulatory identification purposes, your product is assigned a Regulatory Model Number. The Regulatory Model Number for your product is SDGOB-0712. This regulatory number should not be confused with the marketing name (HP Photosmart C8100 All-in-One series, etc.) or product numbers (L2526A, etc.).

FCC statement

FCC statement

The United States Federal Communications Commission (in 47 CFR 15.105) has specified that the following notice be brought to the attention of users of this product.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

For further information, contact:
Manager of Corporate Product Regulations
Hewlett-Packard Company
3000 Hanover Street
Palo Alto, Ca 94304
(650) 857-1501

Modifications (part 15.21)

The FCC requires the user to be notified that any changes or modifications made to this device that are not expressly approved by HP may void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Laser compliance

The optical storage device (i.e. CD or DVD drive) contains a laser that is classified as a "Class 1 Laser Product" in accordance with US FDA regulations and the IEC 60825-1. The product does not emit hazardous laser radiation.

This laser product complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice No. 50, dated May 27, 2001; and with IEC 60825-1:1993/A2:2001.

⚠ **WARNING!** Use of controls or adjustments or performance of procedures other than those specified herein or in the laser product's installation guide may result in hazardous radiation exposure. To reduce the risk of exposure to hazardous radiation:

-- Do not try to open the module enclosure. There are no user-serviceable components inside.

-- Do not operate controls, make adjustments, or perform procedures to the laser device other than those specified herein.

-- Allow only HP Authorized Service technicians to repair the unit.

Notice to users in Korea

사용자 안내문(B급 기기)

이 기기는 비업무용으로 전자파 적합 등록을 받은 기기로서, 주거지역에서는 물론 모든 지역에서 사용할 수 있습니다.

VCCI (Class B) compliance statement for users in Japan

この装置は、情報処理装置等電波障害自主規制協議会（VCCI）の基準に基づくクラス B情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると受信障害を引き起こすことがあります。

取り扱い説明書に従って正しい取り扱いをして下さい。

Notice to users in Japan about power cord

製品には、同梱された電源コードをお使い下さい。

同梱された電源コードは、他の製品では使用出来ません。

Geräuschemission

Geräuschemission

LpA < 70 dB am Arbeitsplatz im Normalbetrieb nach DIN 45635 T. 19

Regulatory wireless statements

This section contains the following regulatory information pertaining to wireless products:

- Wireless: Exposure to radio frequency radiation
- Wireless: Notice to users in Brazil
- Wireless: Notice to users in Canada
- European Union Regulatory Notice
- Wireless: Notice to users in Taiwan

Wireless: Exposure to radio frequency radiation

Exposure to radio frequency radiation

⚠ **Caution** The radiated output power of this device is far below the FCC radio frequency exposure limits. Nevertheless, the device shall be used in such a manner that the potential for human contact during normal operation is minimized. This product and any attached external antenna, if supported, shall be placed in such a manner to minimize the potential for human contact during normal operation. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20 cm (8 inches) during normal operation.

Wireless: Notice to users in Brazil

Aviso aos usuários no Brasil

Este equipamento opera em caráter secundário, isto é, não tem direito à proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário. (Res.ANATEL 282/2001).

Wireless: Notice to users in Canada

Notice to users in Canada/Note à l'attention des utilisateurs canadiens

For Indoor Use. This digital apparatus does not exceed the Class B limits for radio noise emissions from the digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications. The internal wireless radio complies with RSS 210 and RSS GEN of Industry Canada.

Utiliser à l'intérieur. Le présent appareil numérique n'émet pas de bruit radioélectrique dépassant les limites applicables aux appareils numériques de la classe B prescrites dans le Règlement sur le brouillage radioélectrique édicté par le ministère des Communications du Canada. Le composant RF interne est conforme a la norme RSS-210 and RSS GEN d'Industrie Canada.

European Union Regulatory Notice

Products bearing the CE marking comply with the following EU Directives:

- Low Voltage Directive 73/23/EEC
- EMC Directive 2004/108/EC

CE compliance of this product is valid only if powered with the correct CE-marked AC adapter provided by HP.

If this product has telecommunications functionality, it also complies with the essential requirements of the following EU Directive:

- R&TTE Directive 1999/5/EC

Compliance with these directives implies conformity to harmonized European standards (European Norms) that are listed in the EU Declaration of Conformity issued by HP for this product or product family. This compliance is indicated by the following conformity marking placed on the product.

CE ①

The wireless telecommunications functionality of this product may be used in the following EU and EFTA countries:

Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, and United Kingdom.

Products with 2.4-GHz wireless LAN devices

France
For 2.4 GHz Wireless LAN operation of this product certain restrictions apply: This product may be used indoor for the entire 2400-2483.5 MHz frequency band (channels 1-13). For outdoor use, only 2400-2454 MHz frequency band (channels 1-9) may be used. For the latest requirements, see http://www.art-telecom.fr.

Italy
License required for use. Verify with your dealer or directly with the General Direction for Frequency Planning and Management (Direzione Generale Pianificazione e Gestione Frequenze).

Wireless: Notice to users in Taiwan

低功率電波輻射性電機管理辦法

第十二條

經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更設計之特性及功能。

第十四條

低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫藥用電波輻射性電機設備之干擾。

Declaration of conformity (European Economic Area)

The Declaration of Conformity in this document complies with ISO/IEC 17050-1 and EN 17050-1. It identifies the product, manufacturer's name and address, and applicable specifications recognized in the European community.

HP Photosmart C8100 All-in-One series declaration of conformity

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DECLARATION OF CONFORMITY
according to ISO/IEC 17050-1 and EN 17050-1

Manufacturer's Name:	Hewlett-Packard Company DoC#: SDGOB-0712-rel.1.0
Manufacturer's Address:	16399 West Bernardo Drive
	San Diego, CA 92127, USA

declares, that the product

Product Name:	HP Photosmart C8100 Series (L2523A)
Regulatory Model:[4]	SDGOB-0712
Product Options:	ALL
Radio Module:	RSVLD-0608 & RSVLD-0602
Power Adapter:	0957-2230

conforms to the following Product Specifications:

SAFETY:	IEC 60950-1:2001 / EN 60950-1:2001
	IEC 60825-1 Ed. 1.2:2001 / EN 60825-1+A2+A1:2002 (LED)
	GB4943:2001
EMC:	CISPR 22:1997+A1:2000+A2:2002 / EN 55022:1998 +A1:2000+A2:2003 Class B[3]
	CISPR 24:1997+A1:2001+A2:2002 / EN 55024:1998 +A1:2001+A2:2003 Class B[3]
	EN 301 489-1 V1.4.1:2002 / EN 301 489-17 V1.2.1:2002
	IEC 61000-3-2:2000+A1:2000+A2:2005 / EN 61000-3-2:2000+A2:2005
	IEC 61000-3-3:1994+A1:2001 / EN 61000-3-3:1995+A1:2001
	FCC Title 47 CFR, Part 15 Class B / ICES-003, Issue 4
	GB9254:1998, GB17625.1:2003
RADIO:	EN 300 328 V1.6.1:2004-11
HEALTH:	EU: 1999/519/EC

Supplementary Information:

1. The product herewith complies with the requirements of the EMC Directive 2004/108/EC, the Low Voltage Directive 73/23/EEC and the R&TTE Directive 1999/5/EC and carries the CE-Marking accordingly

2. This Device complies with Part 15 of the FCC Rules. Operation is subject to the following two Conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

3. The product was tested in a typical configuration.

4. For regulatory purposes, these products are assigned a Regulatory model number. This number should not be confused with the product name or the product number(s).

San Diego, CA, USA
15 September, 2006

For Regulatory Topics only, contact:

European Contact: Your Local Hewlett-Packard Sales and Service Office or Hewlett-Packard Gmbh,
Department HQ-TRE / Standards Europe, Herrenberger Strasse 140, D-71034 Böblingen, Germany (FAX: +49-7031-14-3143)

USA Contact: Product Regulations Manager, Hewlett Packard Company, San Diego, (858) 655-4100